



Holloman Air Force Base MACA BRIEF

49 Fighter Wing Flight Safety

Capt Tony "Merc" Terrell

Msgt Mike Gann

Mid-Air Collision Avoidance

- ✦ **What is the threat**
- ▮ **Where are you more likely to encounter HAFB jets**
- ▮ **What will they be doing when you encounter HAFB jets**

Jets in the pattern



More jets in the pattern



More jets in the pattern



Unmanned jets in the pattern



Other Local Holloman Traffic



Believe it or not, some of us
even fly these...



Those of us that really like to fly, that

Types of Military Airspace

✦ **Restricted Areas**

- » Bombs, guns, missiles, and other devastation within
- » You can't go there without permission
- » Neither can we

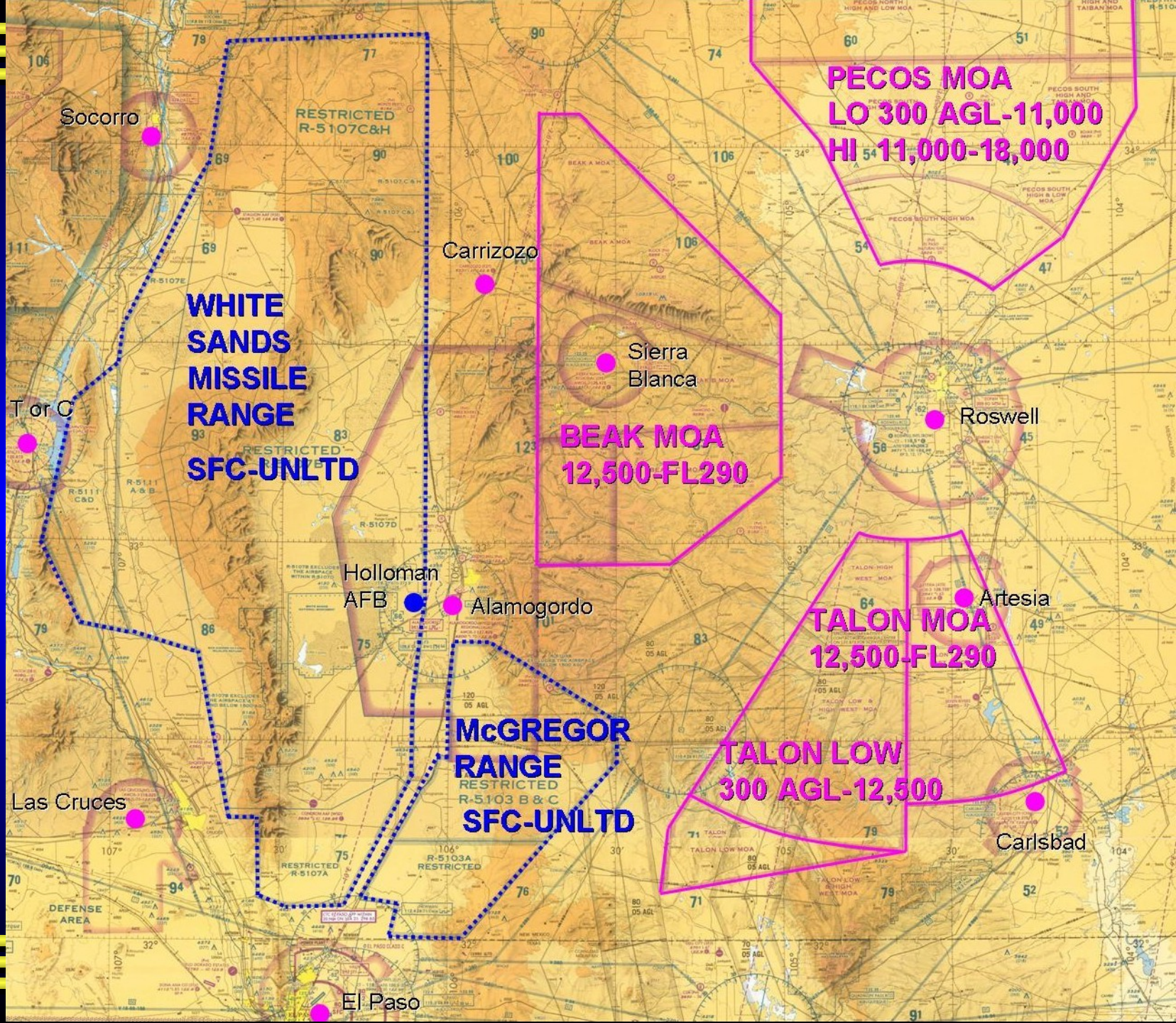
▢ **Military Operating Areas (MOA)**

- » Formation and Air Combat Maneuvering areas
- » It is generally best to avoid MOAs
- » It is legal to go in there if you really want to, but keep your eyes peeled and fingers crossed
- » Approach/Center can give you airspace status

▢ **Low Level Routes**

- » High speed, low altitude (350-600 kt, 200-1500 ft AGL)
- » FSS can usually tell you if anyone is in there
- » Route centerlines are marked on sectional charts, but corridor boundaries are not

AIRSPACE



Low Level Routes

✦ IR Routes

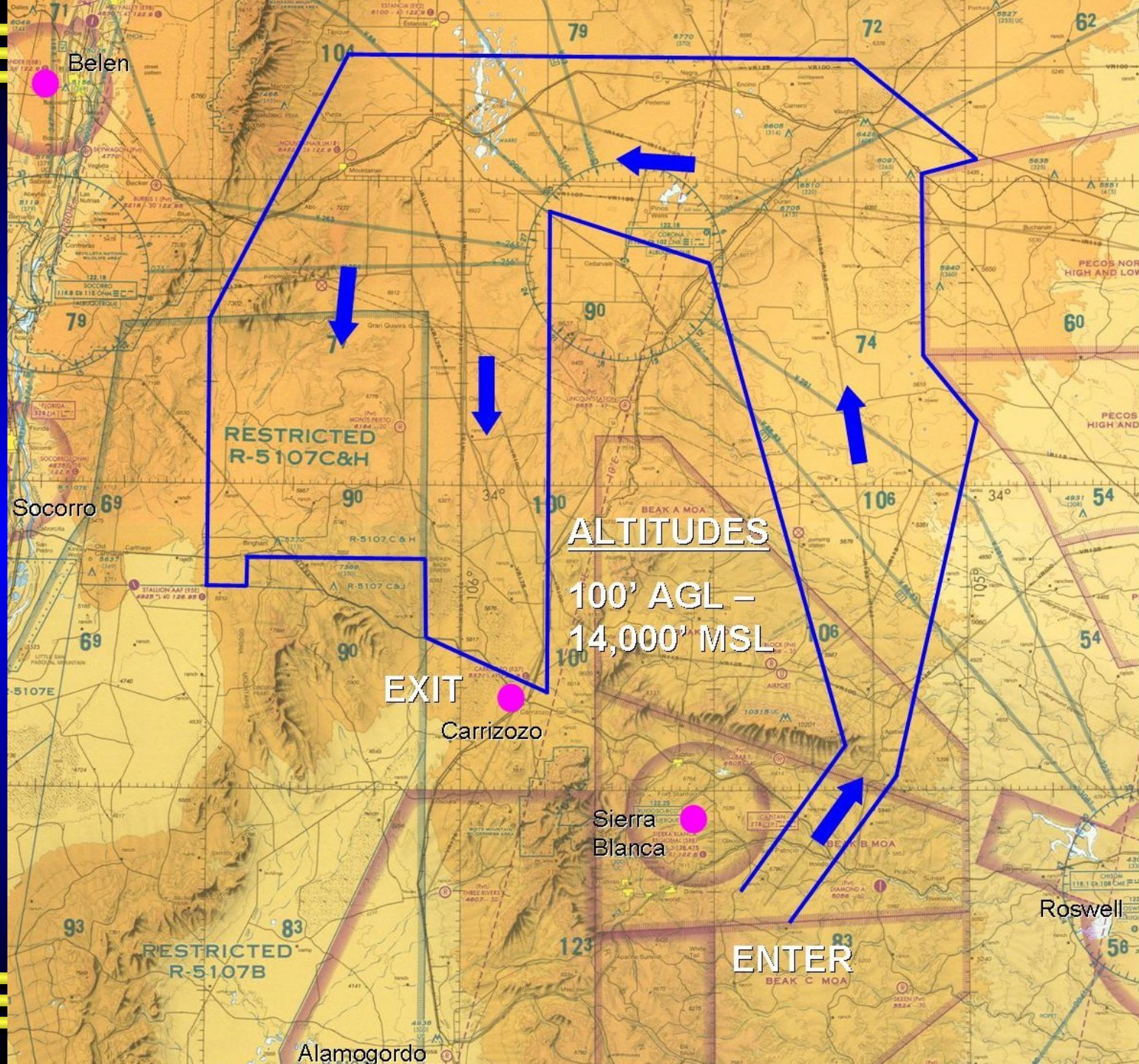
- » Flown IFR or VFR
- » Night and bad weather
- » Center has the info

▢ VR Routes

- » Day/VFR only
- » Contact FSS

▢ **Not restricted airspace - just keep an eye peeled**

▢ **Gray lines on sectional charts are centerlines - here are the corridors**



100' AGL
12,000' MSL

ENTER

Alamogordo

~~RESTRICTED~~
R-5103 B & C

106°
R-5103A
RESTRICTED

Artesia

SPECIAL MILITARY ACTIVITY
CONTACT ALBUQUERQUE CENTER
ON 135.873 FOR ACTIVITY STATUS

FALON LOW &
HIGH WEST MOA

71 / TALON POWER

TALON LOW
& HIGH
WEST MOA

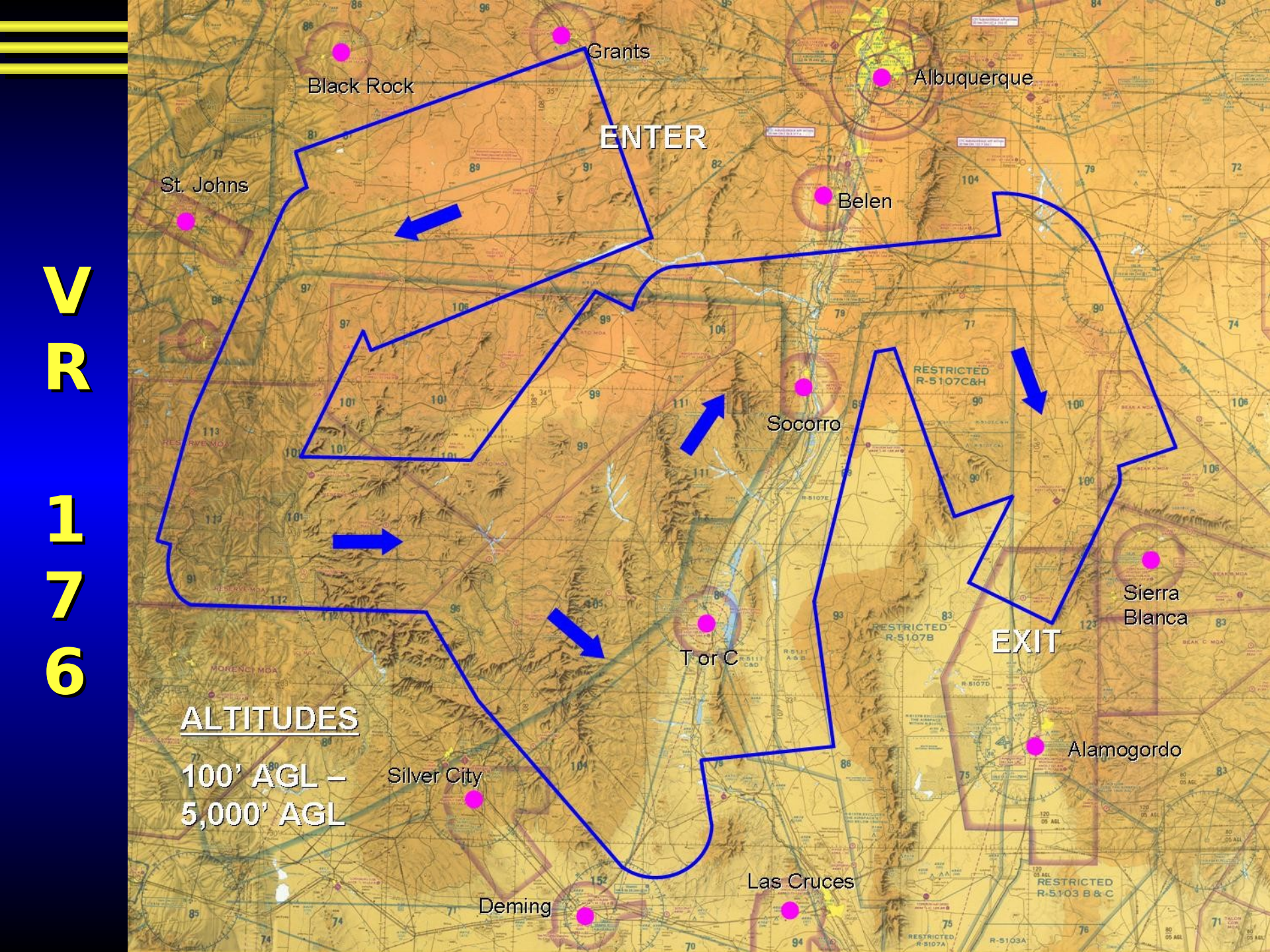
DELL CITY (2E5)
3701147
122.9 C

70
05 AGL

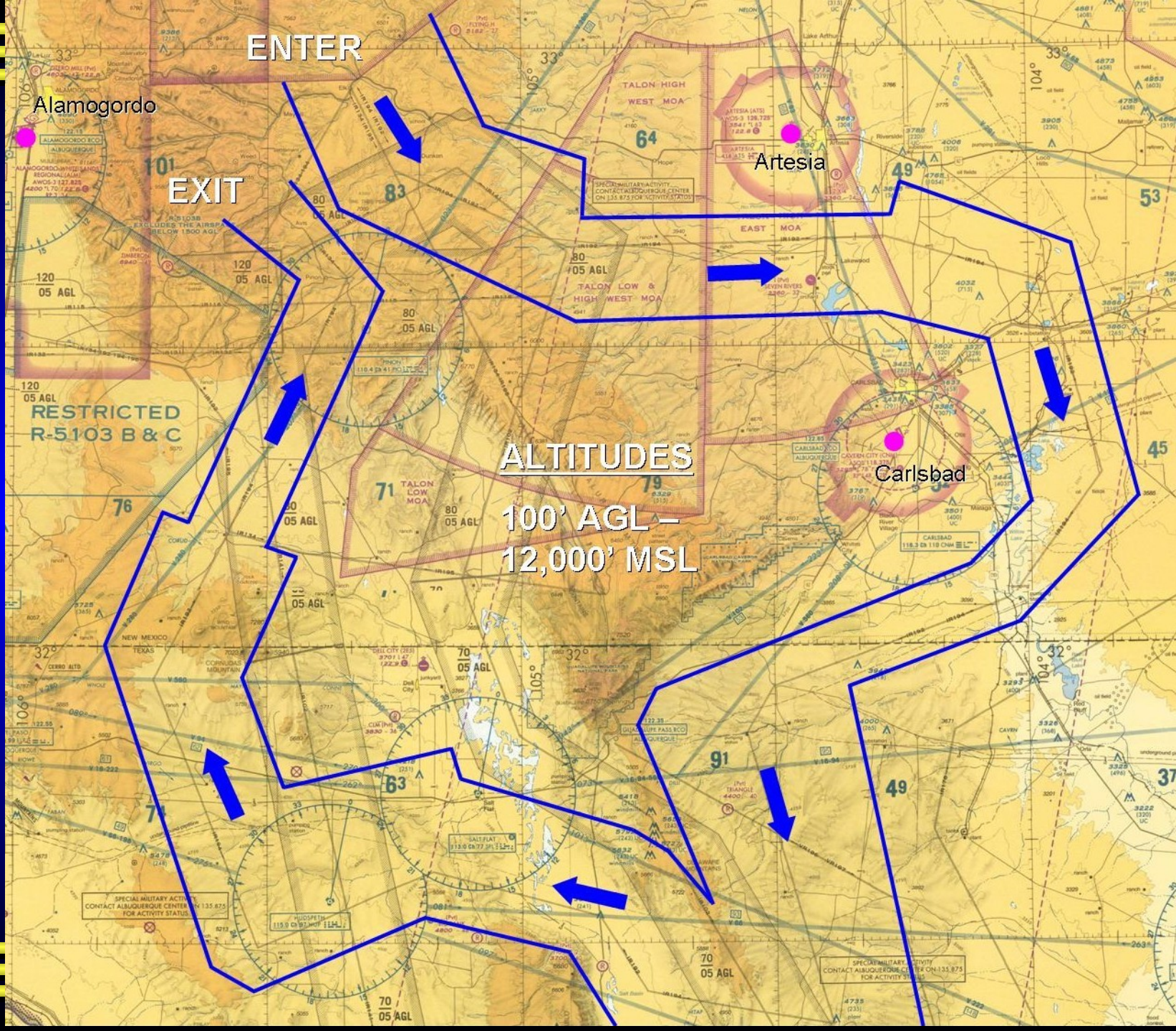
QUADALUPE MOUNTAINS
NATIONAL PARK

**V
R

1
7
6**



I
R
1
9
2



EXIT

Alamogordo

ENTER

RESTRICTED R-5103 B & C

ALTITUDES
100' AGL -
12,500' MSL

TALON HIGH WEST MOA

TALON HIGH EAST MOA

TALON LOW & HIGH WEST MOA

TALON LOW MOA

Artesia

Carlsbad

SPECIAL MILITARY ACTIVITY
CONTACT ALBUQUERQUE CENTER ON 135.875
FOR ACTIVITY STATUS

Alamogordo

ENTER

RESTRICTED
R-5103 B & C

ALTITUDES

100' AGL —
12,500' MSL

Artesia

Carlsbad

ENTER

EXIT

RESTRICTED R-5103 B & C

RESTRICTED R-5103A

RESTRICTED R-5103B

TALON LOW MOA

TALON LOW & HIGH WEST MOA

ALTITUDES

100' AGL

12,500' MSL

Alamogordo

Artesia

NEWMAN

CERRO ALTO

GUADALUPE MOUNTAIN NATIONAL PARK

DELL CITY

NEW MEXICO

TEXAS

32°

33°

106°

105°

104°

103°

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21°

100' AGL
12,500' MSL

05 AG

RESTRICTED

64 Artesia

SPECIAL MILITARY ACTIVITY
CONTACT ALBUQUERQUE CENTER
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FALON LOW &
HIGH WEST MO

71 / TALON

TALON LOW
& HIGH
WEST MOA

SO CLASS C

NEW MEXIC

CORNUDAS
MOUNTAIN

DELL CITY (2E)
3701147

70

32°



Holloman Standard Instrument Departures



Runway 22

5 DME

HMN 92

R-078

CLOUD
078/14

Hdg 030°

14000

ALAMOGORDO-WHITE SANDS
REGIONAL (ALM)

AWOS-3 127.825

4200 °L 70 122 B ©

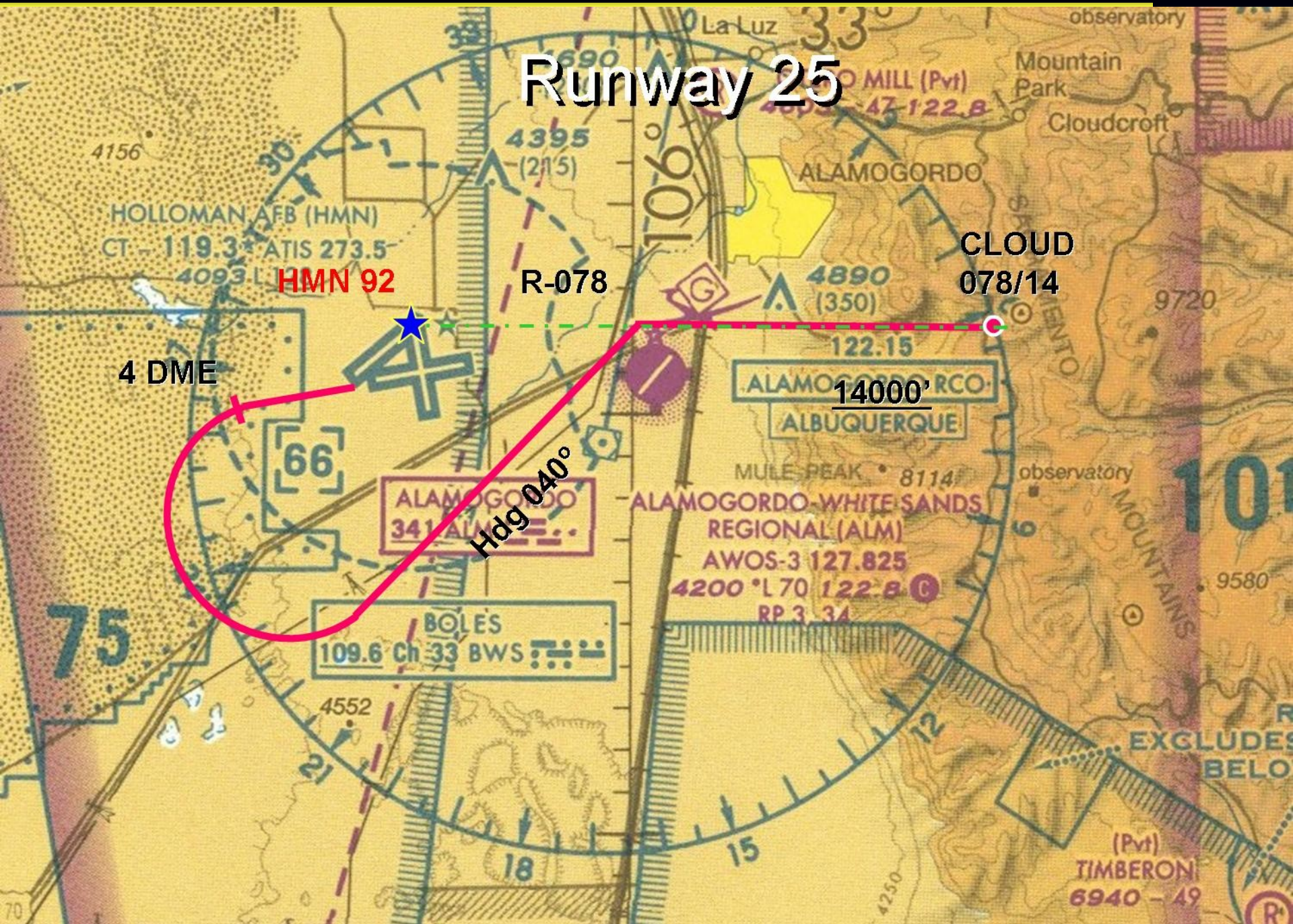
RP 3 3A

109.6 Ch 33 BWS BOLES

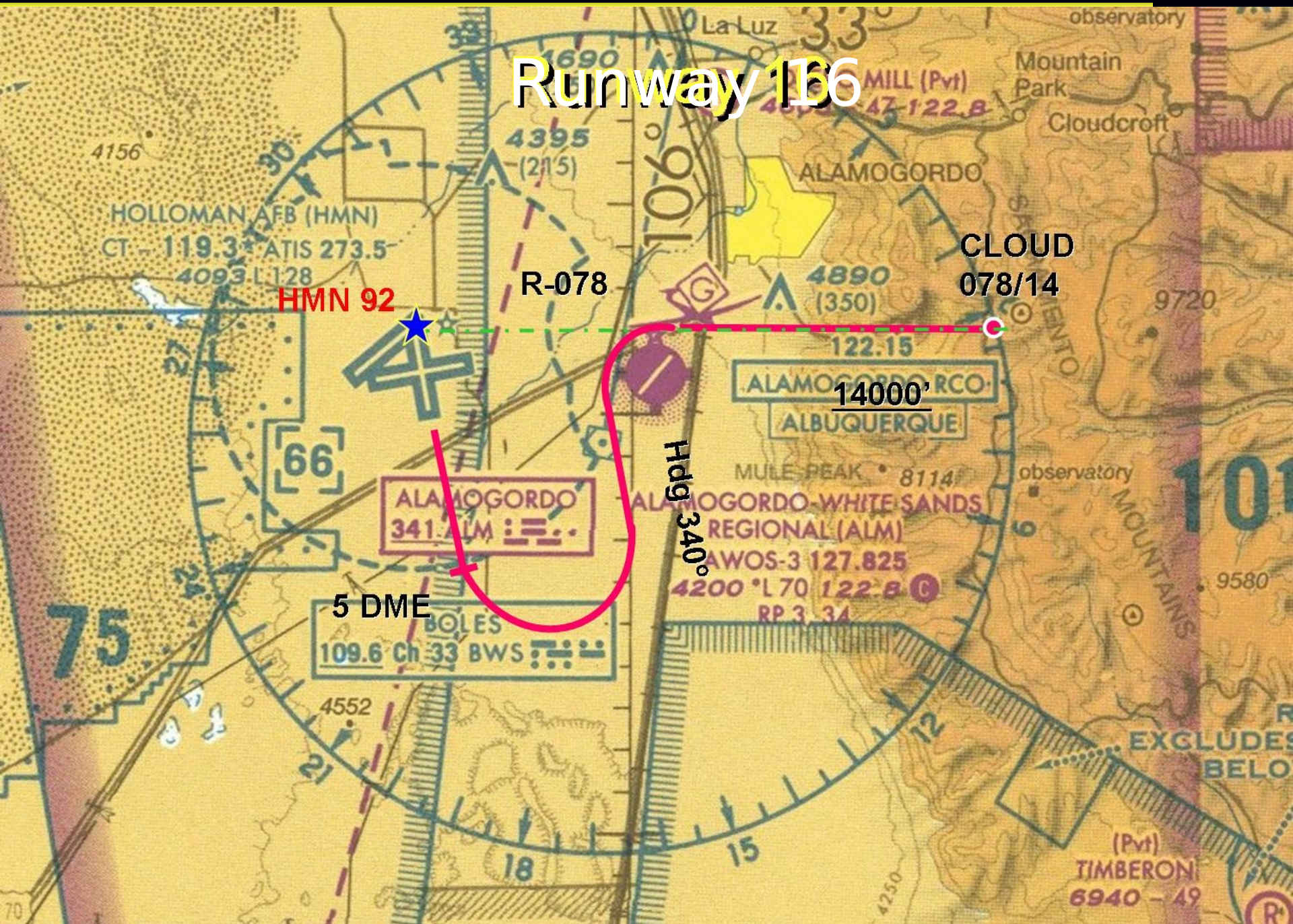
EXCLUDES
BELOW

(Pvt)
TIMBERON
6940 - 49

Runway 25



Runway 16



VFR Departures

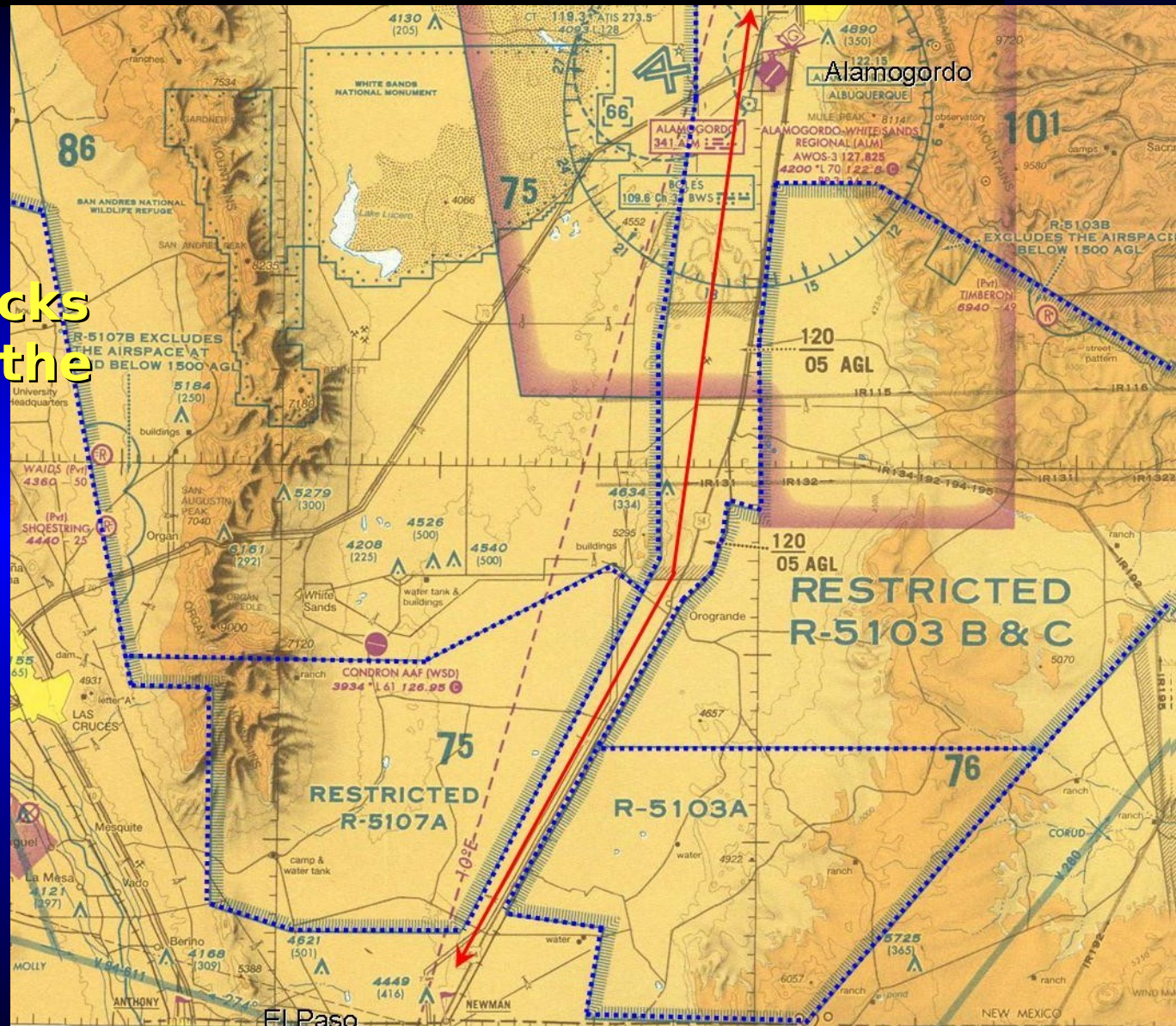
- ✦ **VFR Corridor**
 - » **El Paso / Biggs**
 - » **McGregor / Centennial Range**
- ✦ **Military and civil traffic**

VFR Corridor

Remain:

- West of RR Tracks
- Within 2nm of the RR Tracks

R5107A &
R5103
overflight may
be possible on
weekends
Contact ELP
APP @119.15
or 124.25 for
airspace status





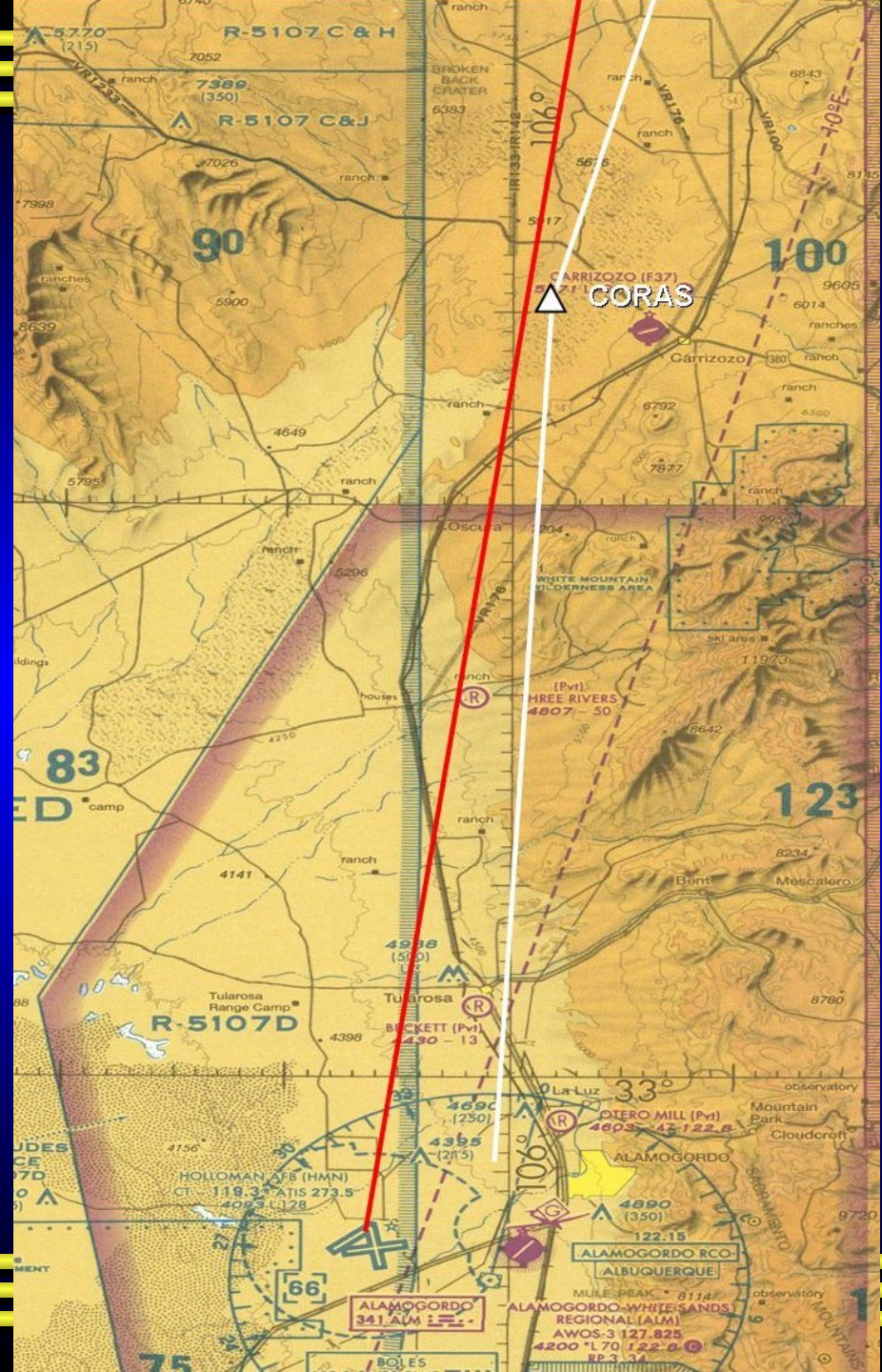
Arrivals to Holloman



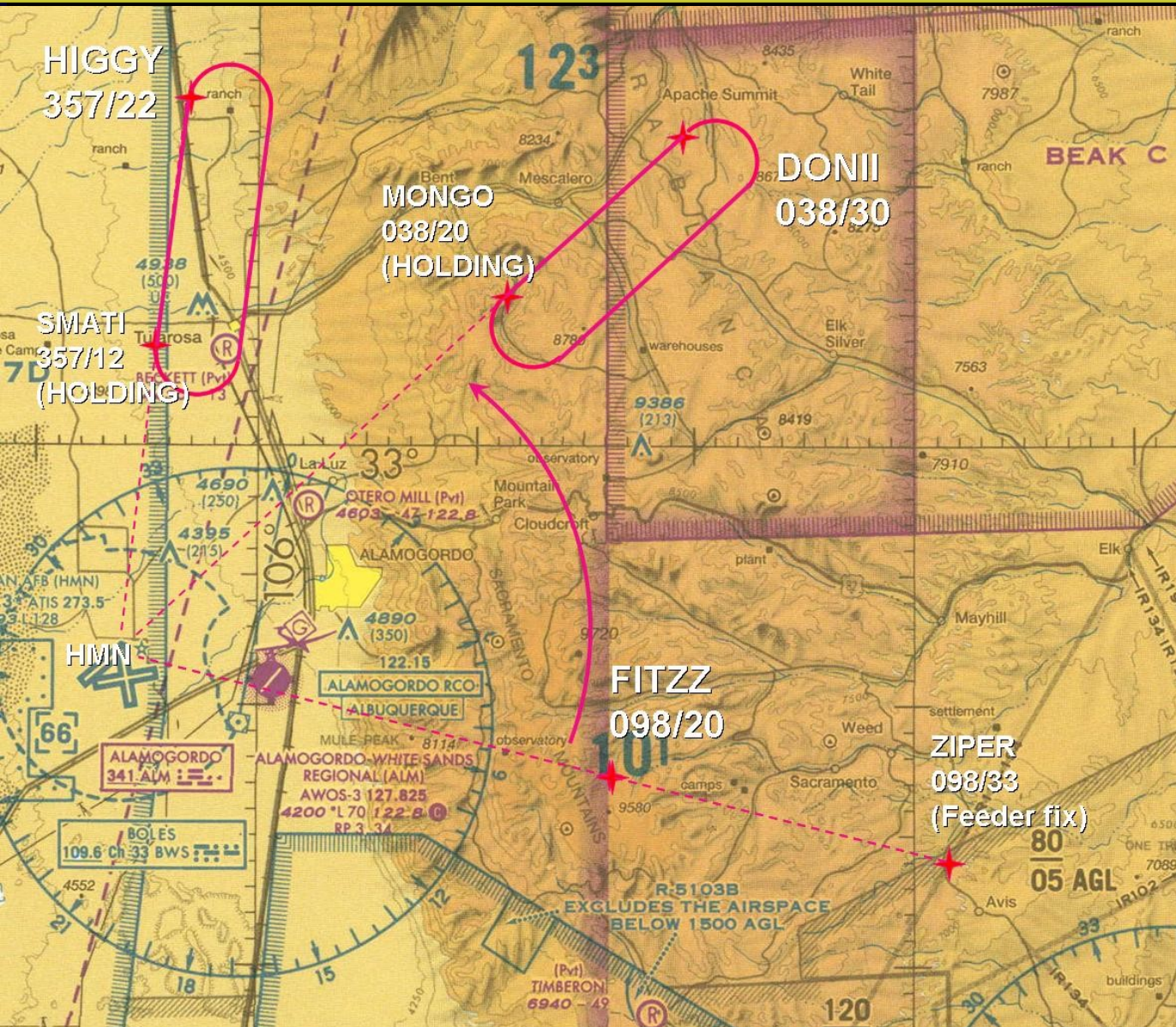
North Corridor

Jets descending to Holloman AFB from the north usually fly along the HMN 357 radial

This track is close to the CORONA ONE departure from ALM



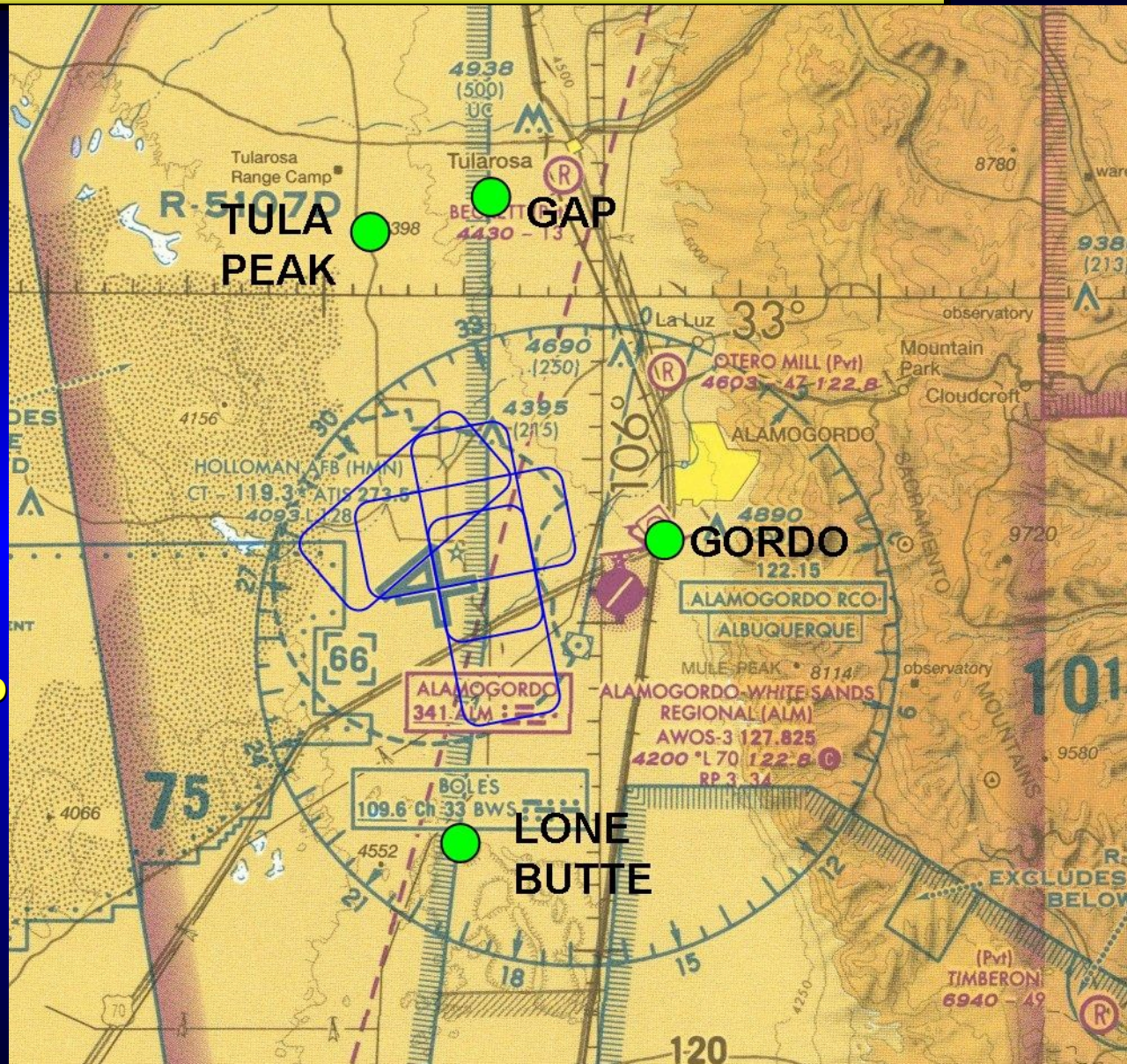
The approach from FITZZ is a 17DME arc at 10,000' MSL



VFR Reporting Points

These are the points jet traffic will use to enter the VFR pattern at Holloman AFB

Probably good areas to avoid, especially since most of them are in the restricted area



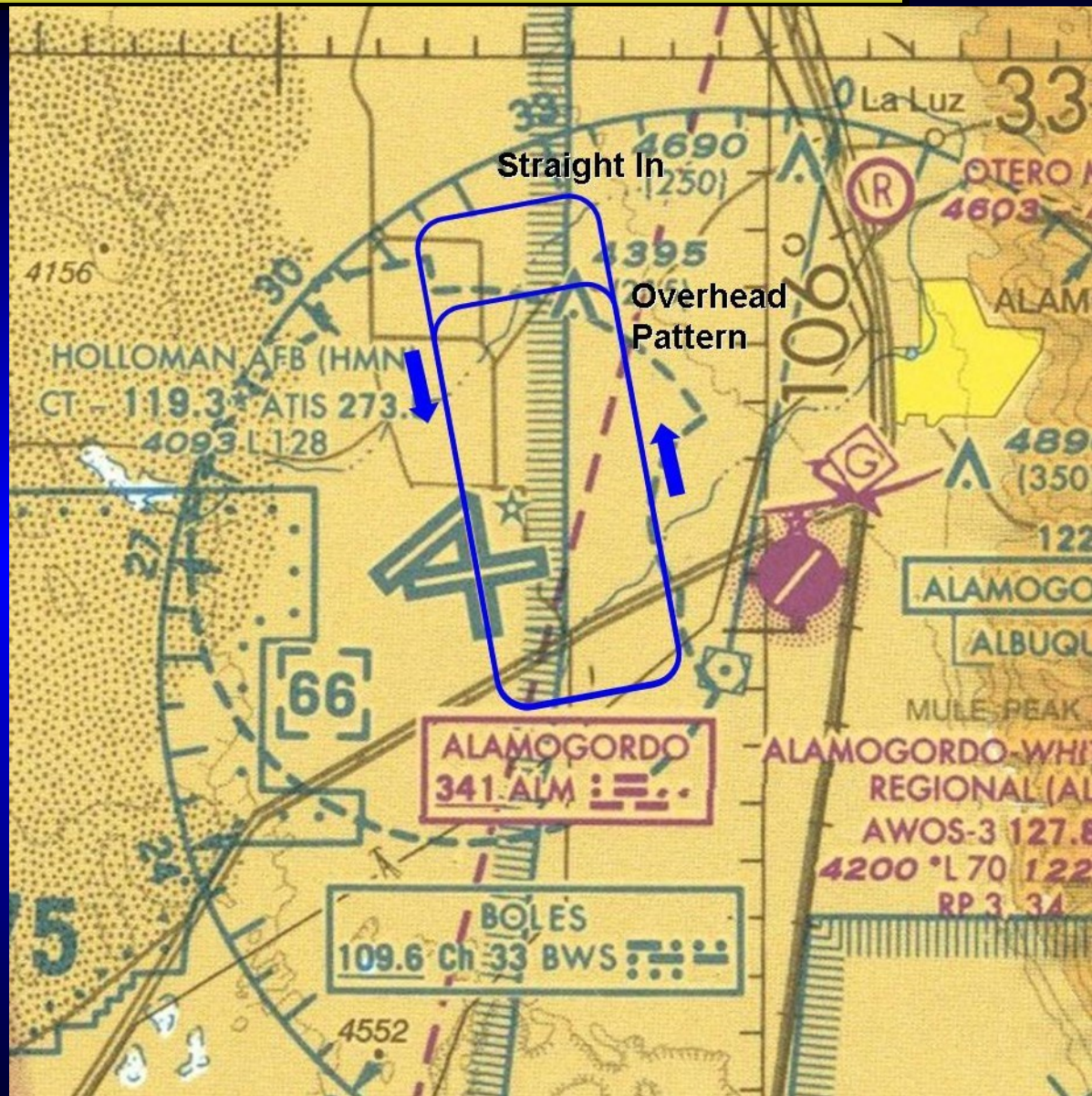
VFR Traffic Pattern

Runway 16

Overhead Pattern
Altitude 6100'
MSL

Straight-in 5600'
MSL

This is our
primary runway,
used ~90% of the
time



VFR Traffic Pattern

Runway 34

**Overhead Pattern
Altitude 6100'
MSL**

**Straight-in 5600'
MSL**

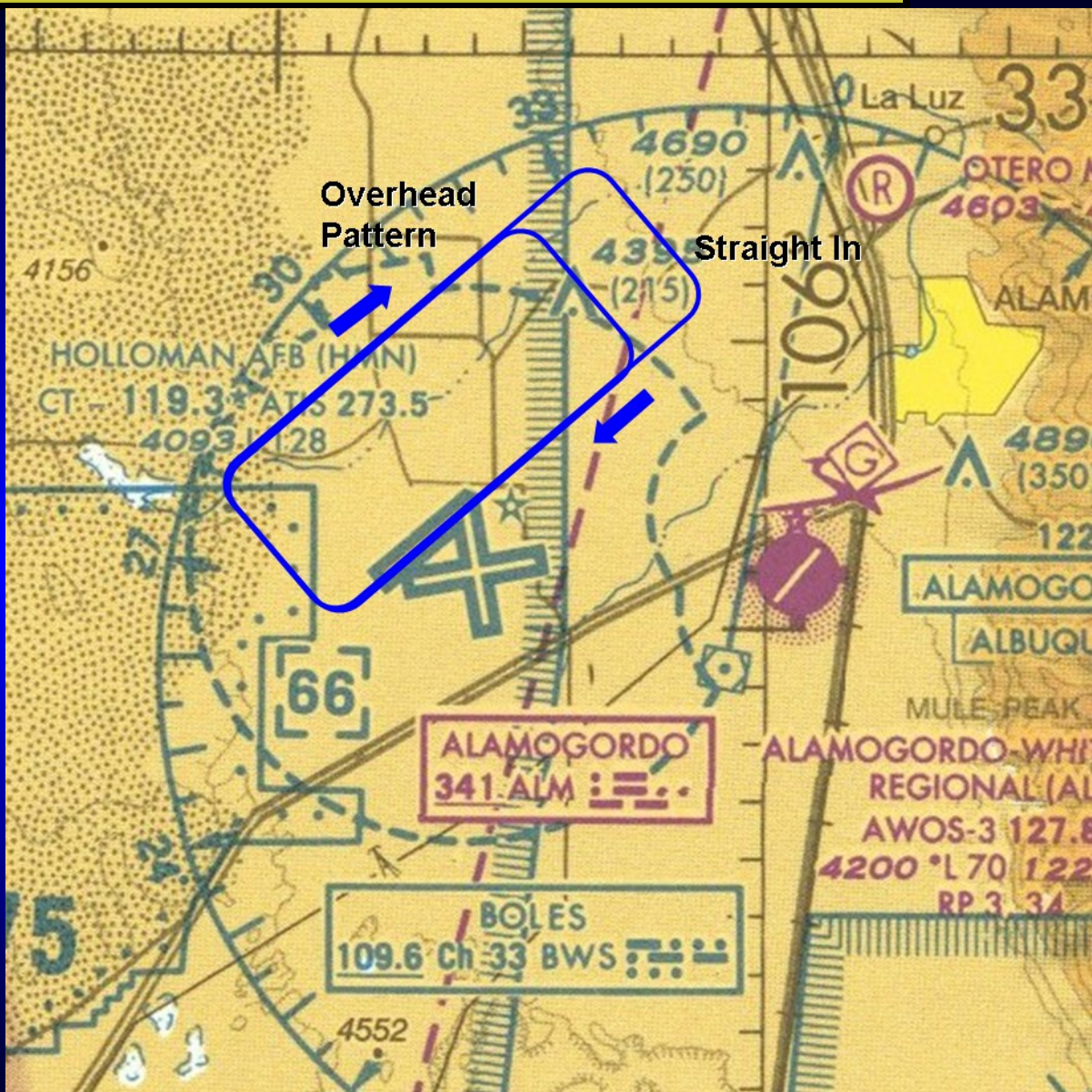


VFR Traffic Pattern

Runway 22

**Overhead Pattern
Altitude 6100'
MSL**

**Straight-in 5600'
MSL**

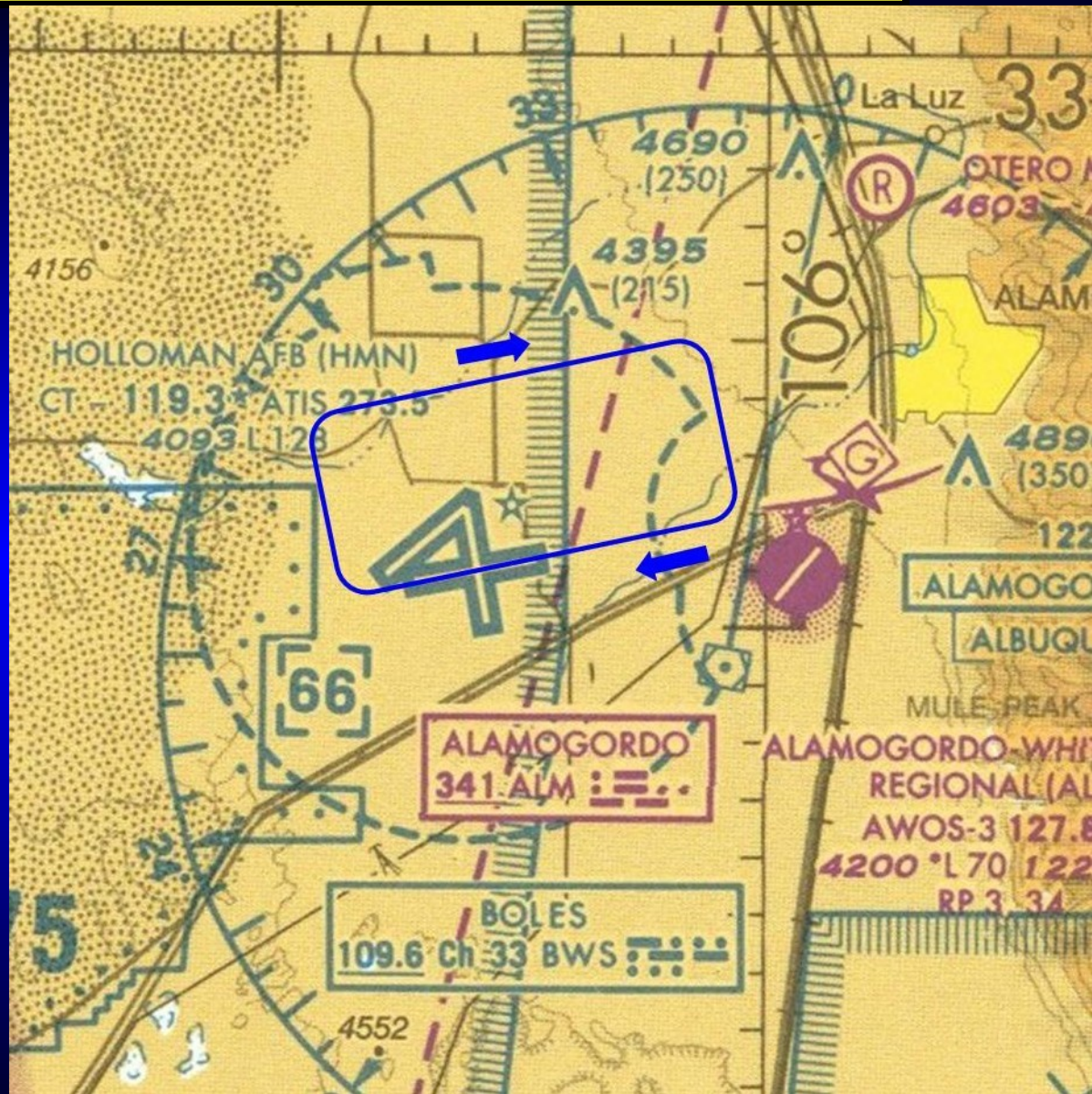


VFR Traffic Pattern

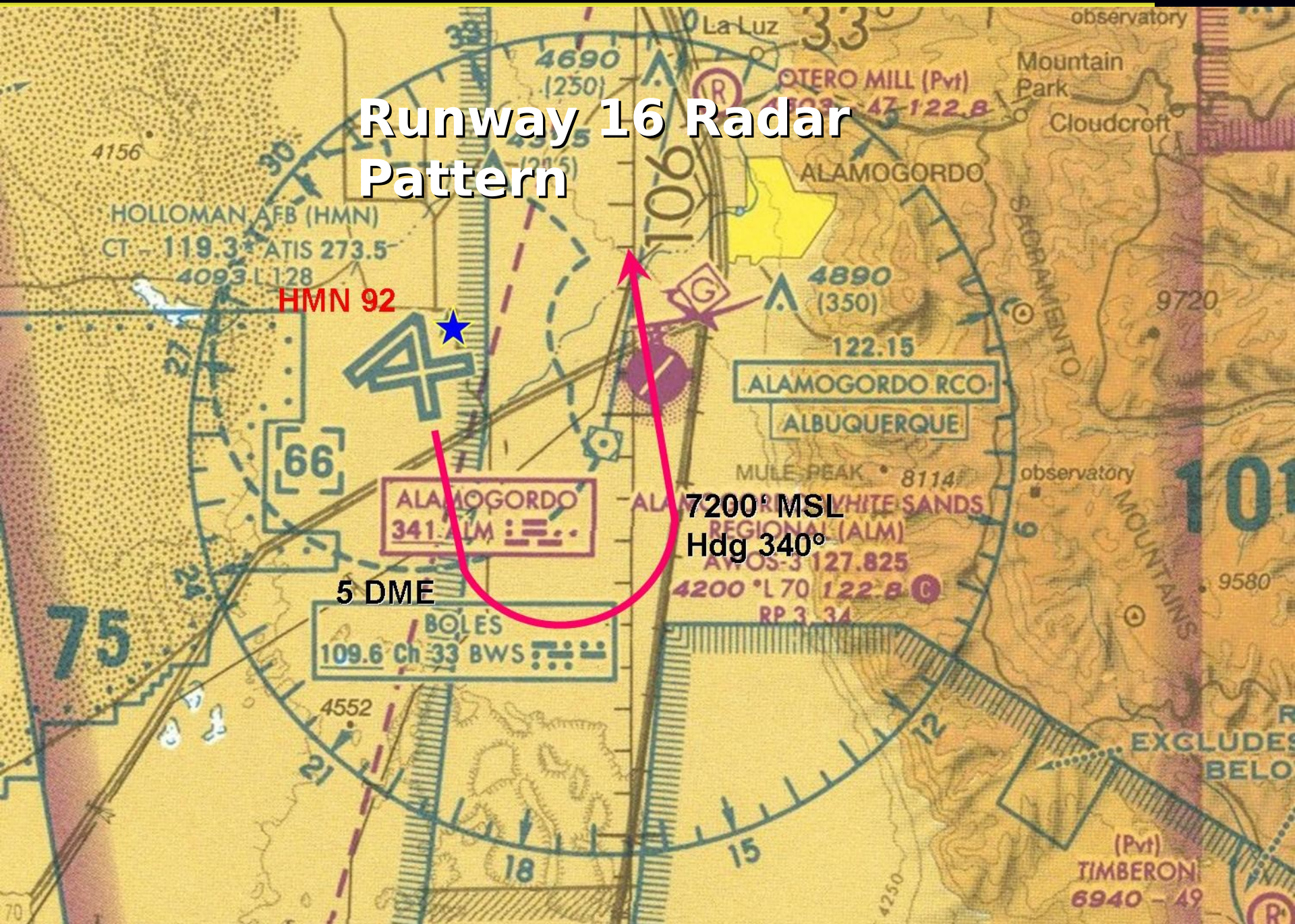
Runway 25

Overhead Pattern
Altitude 6100'
MSL

No straight-in
patterns to avoid
overflying
Alamogordo



Runway 16 Radar Pattern



The Clue Bag

- ✦ If you can see Holloman and are looking down a runway, look behind you
 - » Along a runway centerline is not a good place to hang out
 - » The Alamo North Practice Area is close to the HMN RWY 22 localizer
- ▢ Contact Holloman Approach 120.6 for traffic advisories
 - » Be patient with them, they do a lot of “new-guy” training
- ▢ People have confused Alamo Muni and Holloman AFB
 - » This is not a good thing, unless you just want to give bored skycops something to do – for the rest of your day.
- ▢ Holloman DME is 114.5/ch. 92
 - » No bearing info, but knowing the range can be useful

More Information

▮ Mission: Possible

- » Special Use Airspace online training program
- » Developed by the Air Force and AOPA Air Safety Foundation
- » www.aopa.org/asf/online_courses/mission_possible

✦ Real time SUA information

- » <http://sua.faa.gov/atcaaSplash.jsp>



Contact Us

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Gratuitous Cool Photo

